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Facsimile Transmittal

DATE: December 22, 2005

TO: Commissioner for Patents

ATTN: Examiner: Lawrence Williams
Art Unit: 2638

FAX NUMBER: (571) 273-8300

FROM: Dmitry R. Milikovsky, Reg. No. 41,999, Attorney for Applicant
Direct Telephone No.: (858) 845-0130
Attorney Docket No.: 020613

Total Number of Pages Sent: (including this transmittal cover sheet)

FILING BY FACSIMILE:

ATTORNEY DOCKET NO.: 020613

ENCLOSED ARE:

1. Amendment Transmittal (1 page, in duplicate)
2. Amendment (13 pages)

APPLICANT: Ketchum et al.

ASSIGNEE: QUALCOMM Incorporated

SERIAL NO.: 10/693,171

FILED: October 23, 2003

FOR: CHANNEL ESTIMATION AND SPATIAL PROCESSING FOR TDD MIMO SYSTEMS

Please contact Kate Lane at (858) 658-2047 if all pages do not transmit.

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U.S. Department of Commerce
Patent and Trademark Office
PATENT

AMENDMENT TRANSMITTAL FORM

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer No.: 23696
Attorney Docket No.: 020613
In Re Application of: Ketchum et al.
Serial Number: 10/693,171
Filed: October 23, 2003
Examiner: Lawrence Williams
Group Art Unit: 2638

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Dear Sir:

Transmitted herewith for filing is a Response to Office Action in the above identified application.

CLAIMS	(a) Number Remaining After Amendment	(b) Highest Number Previously Paid For	(c) Extra Claims	Large Entity Fee	Fee Paid	
Total*	24	59	0	x \$50 =	\$0	
Independent**	4	15	0	x \$200 =	\$0	
Multiple Dependent Claim(s): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				\$360	\$0	
EXTENSION FEES				<input type="checkbox"/> One Month	\$120	\$
				<input checked="" type="checkbox"/> Two Months	\$450	\$450
				<input type="checkbox"/> Three Months	\$1020	\$
TERMINAL DISCLAIMER				\$130	\$	
				TOTAL FEE	\$450	

*If the number in column a is less than 20, enter 0 in column c.
**If the number in column a is less than 3, enter 0 in column c.

4. ☐ Fee check in the amount of \$ is enclosed to pay for any claim and/or extension fees.
5. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$
The Commissioner is hereby authorized to charge payment of any additional fees that may be required, or credit any overpayment to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
6. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: December 22, 2005

Signature: 

Dmitry R. Milikovskiy, Reg. No. 41,999
(858) 845-0130

QUALCOMM Incorporated
Attn: Patent Department
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 658-5787
Facsimile: (858) 658-2502

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

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Depositor's Name: Dmitry R. Milikovskiy
(type or print name)

Signature: 

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DEC 23 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of)

John Ketchum et al)

Serial No. 10/693,171)

Examiner: Lawrence Williams)

Filed: October 23, 2003)

For: CHANNEL ESTIMATION
AND SPATIAL PROCESSING
FOR TDD MIMO SYSTEMS

) Group No. 2638

RESPONSE TO OFFICE ACTIONMail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

In response to the Office Action dated July 27, 2005 please amend the above-identified application as indicated below. Applicant hereby petitions a two (2) month Extension of Time.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

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Depositor's Name: Dmitry Milikovsky
(type or print name)Date: December 23, 2005Signature:  _____

12/27/2005 EAREGAY1 00000110 170026 10693171

01 FC:1252 450.00 DA

Attorney Docket No.: 020613

Customer No.: 23696

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PATENT

REQUEST FOR EXTENSION OF TIME

A Petition for Extension of Time and the appropriate fee are filed herewith to extend the response period from October 27, 2005 to December 27, 2005.

Attorney Docket No.: 020613
Customer No.: 23696